IMAGE orbit 2009 119 (04/29) 06:02 UT to 2009 119 (04/29) 20:18 UT PCAP 8 **OVAL CLEFT** 10 **CUSP PSPHERE** MSPHERE 6 6 16 6 **80** Z(SM) 18 .18 2 2 0 0 2 0 3 4 3 1 2 -2 -3 X(SM)Y(SM) to MAGNETOPAUSE-BLUE, to PLASMAPAUSE-RED DISTANCE in RE 5 -20 -5 \_PE-BLACK, F\_CE-RED, F\_GEO-GREEN, F\_MP 0 1000 FREQ(kHz) 100 2 10 18:00 5.2 8.4 69.8 37.8 11.5 UT 6:00 RE 1.2 L 1.2 ILAT 21.9 MLAT-2.0 MLT 23.5 12:00 8.3 54.2 82.2 67.0 13.4 9:00 6.4 83.2 83.7 73.9 15.1 15:00 7.9 32.4 79.9 21:00 2.9 9.1 4

70.6 55.5 0.2

60.4 12.1

Z(SM)

Y(SM)

2

Mon Jul 17 14:04:15 2006

X(SM)

0

3